### PROGRAMME SCHEDULE

#### 1st INTERNATIONAL CONFERENCE ON

# MODERN RESEARCH IN AEROSPACE ENGINEERING-2016 AMITY INSTITUTE OF AEROSPACE ENGINEERING

## Thursday-Friday, 22-23 September, 2016

**Venue for Inaugural Function: F3 Seminar Hall** 

## Registration start at 09:30 am onwards

DAY 1 (22 September 2016)			
Time	Event		
10:30 – 10:35 a.m.	Lighting of Lamp		
10:35 – 10:40 a.m.	Sarawati Vandana		
10:40 – 10:45 a.m.	Welcome Address and Introduction to the program By <b>Dr Sanjay Singh</b> , Director, AIAE & General Chair MRAE-2016		
10:45 – 10:50 a.m.	Address by <b>Dr. K. M. Soni</b> Deputy Dean, Domain - Engineering & Technology & Co-Patron MRAE-2016		
10:50 – 11:00 a.m.	Address by <b>Prof (Dr) Balvinder Shukla,</b> Vice Chancellor & Patron MRAE-2016		
11:00– 11:30 a.m.	Keynote addresses by <b>Mr. Yogesh Kumar,</b> Ex Director LCA, HAL		
11:30- 12:00 a.m.	Keynote address by <b>Dr. Ajay Misra</b> , <i>Head of the department Aerospace Engineering, DIAT, Pune.</i>		
12:00 - 12:20 p.m.	Blessings and few thoughts by <b>Dr. Ashok K Chauhan</b> , Founder President, Amity Education Foundation and Chairman AKC Group of Companies.		
12:20 - 12:25 p.m.	Release of MRAE-2016 souvenir		
12:25 -12:30 p.m.	Vote of thanks by <b>Prof. R K Chauhan</b> Professor, AIAE, organizing secretary MRAE-2016		
12:30 -01:30 p.m.	LUNCH		

**Invited Talk** 

## **Venue- F-3 Seminar Hall**

Time 01:30-02:30pm

**Topic-1** "LEAD AND EXECUTE-THE ART OF MANAGING LARGE SCALE PROJECTS" by **YOGESH KUMAR**, *Ex Director LCA-HAL Specialist Designer & Sr. Consultant CSIR- National Aerospace Laboratories, Bangalore.* 

**Topic-2** "Modern Missile Defence" by **Dr. Ajay Mishra**, *Head of the Department, Aerospace Engineering, DIAT, PUNE*.

02:30 -05:30 p.m.

**Track -1- Aerospace Propulsion** 

(Venue: F-3 Seminar Hall)

Chairman – Mr. Yogesh Kumar, Ex Director LCA-HAL Specialist

Designer & Sr. Consultant CSIR- National Aerospace Laboratories, Bangalore Co-Chairman - Prof. A. K. Verma, Professor, Amity Institute of

**Co-Chairman** - Prof. A. K. Verma, Professor, Amity Institute of Space Science and Technology, AUUP

Track -2- Space Research Avionics & Instrumentation

(Venue: F-3 MDP Room)

Chairman - Dr. Ajay Mishra, Head of the Department, Aerospace

Engineering, DIAT, PUNE

**Co-Chairman -** Prof. M. S. Prasad, Head of the Institute, Amity Institute of Space Science and Technology, AUUP.

#### **DAY 2 (23 September 2016)**

	Time		Event
<b>Invited Talk</b>	Venue	- F-3 Seminar Hall	Time 09:30-10:30pm

**Topic-1** "Simulation and Performance of Open Terrain Profile in NUS-HDB Wind Tunnel" by **Dr. Dilip A. Shah**, *Senior Professor and Head, School of Aeronautical Sciences*, *HITS*.

Topic-2 "Military Airworthiness and Certification: Global Scenario" by Mr. Kanchan Biswas, Consultant CSIR-

NAL; Adjunct Faculty, Jain University; Sc G (Retd.) CEMILAC, DRDO, Bangalore.

10:30-10:45 am	HIGH TEA		
10:45am-13:30 pm	Track -3- Aerodynamics, Wind Tunnel and CFD		
	(Venue : F-3 Seminar Hall)		
	<b>Chairman</b> – Mr. Dilip A. Shah, , Senior Professor and Head, School		
	of Aeronautical Sciences, Hindustan University.		
	Co-Chairman - Dr. Sanjay Singh, Head of the Institute, Amity		
	Institute of Aerospace Engineering, AUUP		
	Track -4- Structural Analysis and FEM		
	(Venue : F-3 MDP Room)		
	Chairman – Mr. Kanchan Biswas, Consultant CSIR-NAL, Bangalore		
	,		
	Aerospace Engineering, AUUP		
01:30-2:30 pm	LUNCH		
01:30-2:30 pm	LUNCH		
C In Tr (V C C	o-Chairman - Dr. Sanjay Singh, Head of the Institute, Amity astitute of Aerospace Engineering, AUUP rack -4- Structural Analysis and FEM /enue: F-3 MDP Room) hairman - Mr. Kanchan Biswas, Consultant CSIR-NAL, Bangalore o-Chairman - Prof. R K. Chauhan, Professor, Amity Institute of erospace Engineering, AUUP		

Invited Talk Venue- F-3 Seminar Hall Time 02:30-03:30pm

**Topic-1** "How Safety is managed in Civil Aviation" by Mr. Arun Chopra, Retd. Joint Director General of Civil Aviation.

**Topic-2** "Latest Trends in Fuzzy Computing Algorithms for Application in Non Linear Control Systems in Aerospace Engineering" by **Wg. Commander Dr. Anil Kumar**, *Director*, *Amity School of Engineering and Technology*, *AUUP*, *Lucknow Campus*.

03:30-05:30 pm	Track -5- Materials, Manufacturing & Air Safety
	(Venue : F-3 Seminar Hall)
	Chairman – Mr. Arun Chopra, Ex-Joint DG, DGCA
	Co-Chairman - Dr. Ravi Prakash, Director, Amity Institute of
	Technology, AUUP
	Track -6- Aircraft Environmental and Control System and Stability
	(Venue : F-3 MDP Room)
	Chairman – Wing Commander Dr. Arun Kumar, Director, ASET,

	Amity University, Lucknow Campus  Co-Chairman – Prof. Vinod Saxena, Professor, ASET, AUUP, Lucknow Campus	
05:30-05:45 pm	(Venue: F-3 Seminar Hall) Vote of Thanks and Certificate distribution to volunteers	